

Date: _____

Grade 7: Math

Unit Practice Test

1. Calculate

a) $3\frac{2}{3} + 2\frac{4}{5}$

b) $7 - 5\frac{1}{4}$

c) $5\frac{1}{7} \times 5\frac{3}{5}$

d) $2\frac{1}{4} \div 3\frac{1}{3}$

e) 40% of 36 is ?

f) 24 is 16% of what number?

g) 2.3×0.34

h) $1.403 - 0.989$

2. $(15 - 0.4 \times 2^2) + (2.5 \div 0.05)$

3. Convert the percents to fractions.

a. 12.5%

b. 20%

c. 36%

d. 150%

4. Convert the fractions to percents.

a. $\frac{7}{5}$

b. $2\frac{1}{25}$

c. $\frac{23}{20}$

d. $1\frac{3}{4}$

5. 57 is 30% of what number?

6. If six chocolate bars were sold for \$15 what is the unit rate?

7. A milk shake recipe calls for four cups of milk and six spoons of strawberry syrup. If Jane used fifteen spoons of sugar, how many cups of milk did she use?

8. TPS student council wants to print school newspapers. The printing cost of a newspaper is \$0.06. If the student council has a budget of \$100. How many newspapers can they print?

9. Ms. Philip has \$52.50 on her Presto Card. She spends \$3.25 everyday she goes to school. If in a month she goes to school for 14 days, will she have to top up her Presto Card?

10. Ms. Philip takes $2\frac{2}{3}$ hours to grade an exam. If there are 18 students in her class how long will it take her to grade all exams?

11. In school of 300 students, 180 are taken for a movie. What percent of the school went for a movie?

12. Jody wins a \$40,000 lottery, however she has to pay 11% tax on the winnings. How much money will she deposit in her account.

13. Roots is offering 15% discount on all items. Jamie buys a sweatshirt worth \$320. If a tax of 13% was applied on the final bill. How much did Jamie pay at the counter for the sweat shirt?
14. Mike scored 28 on an exam. His teacher tells him that he had scored 80% on it. How many marks was the exam out of?
15. Kylie is painting flower pots. She has painted 24 pots and her work is 60% over. How many pots did Kylie have to paint at the beginning?